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January 25, 2001

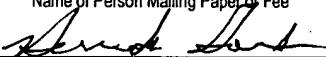
BOX PATENT APPLICATION
Assistant Director For Patents
Washington, D.C. 20231

EXPRESS MAIL MAILING LABEL NO.: EL237997678US
DATE OF DEPOSIT: JANUARY 25, 2001

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the dated indicated above and is addressed to the Assistant Director for Patents, BOX PATENT APPLICATION, Washington, DC 20231.

Derrick Gordon

Name of Person Mailing Paper or Fee


Signature

January 25, 2001

Date of Signature

Re: New U.S. Patent Application
Title: ELECTRONIC APPARATUS
By: Katsuhiko ASAII, Sadafusa TSUJI, Katsuyuki NANBA,
Masahiko MATSUURA, Makiko MANDAI, Hiroshi ISHIBE,
Mikihiro KOMATSU, Kazuaki OKUMURA and Naoki MASAZUMI
Attorney Docket No.: 15162/02750

Dear Sir:

Enclosed for filing are the following papers relating to an ELECTRONIC APPARATUS, Katsuhiko ASAII, Sadafusa TSUJI, Katsuyuki NANBA, Masahiko MATSUURA, Makiko MANDAI, Hiroshi ISHIBE, Mikihiro KOMATSU, Kazuaki OKUMURA and Naoki MASAZUMI, inventors:

- (1) Specification, including 44 claims and an abstract (95 sheets, [pages 1 through 93, plus one duplicate page 93 and one unnumbered page]);
- (2) Executed Declaration and Power of Attorney (9 pages);
- (3) Informal Drawings (43 sheets);
- (4) Transmittal letter (1 page) with PrintEFS Patent Application Bibliographic Data (3 pages);

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January 25, 2001
Page 2

(5) Transmittal letter (1 page) with certified copies of priority documents (JP 2000-016127, 64 pages; JP 2000-091609, 32 pages; and JP 2000-091610, 38 pages);

(6) Preliminary Amendment (3 pages) with copy of formal drawings (43 sheets) attached;

(7) Submission of Substitute Specification and Abstract Under 37 CFR § 1.125(b) letter (2 pages) with one unnumbered cover sheet, pages 1-81 and page 93 attached (83 pages), and a Marked-up Copy of the Substitute Specification with one unnumbered cover sheet, pages 1-81, page 93, one unnumbered page, and one duplicate page 93 attached (85 pages);

(8) Letter to the Official Draftsperson (1 page) with new formal drawings (43 sheets); and

(9) Assignment of the invention to Minolta Co., Ltd. (3 pages) with Recordation Form Cover Sheet (1 page, in duplicate).

The amount of the filing fee is calculated below:

			Fee for small entity		Fee for other than small entity		
Fee	No. filed	No. extra*	Rate	Fee	OR	Rate	Fee
Basic fee				\$345	OR		\$710.00
Total claims	44-20=	24	X \$9=	\$	OR	X \$18=	\$432.00
Independent claims	12-3=	9	X \$40=	\$	OR	X \$80=	\$720.00
Multiple Dependent Claim Presented	0	0	+\$135=	\$0	OR	+\$270=	\$-0-
			Total	\$	OR	Total	\$1862.00

*If the difference in Column 1 is less than zero, enter "0" in Column 2.

Please charge the required fee in the amount of \$1,902.00 (\$710.00 for the application filing fee, 1,152.00 for the excess claims fee, and \$40.00 for the assignment recordal fee) to Sidley & Austin's Deposit Account No. 18-1260. If additional fees are due, please charge any fees required during the pendency of this application (other than the issue fee) to Deposit Account No. 18-1260. Please credit any overpayment to Deposit Account No. 18-1260.

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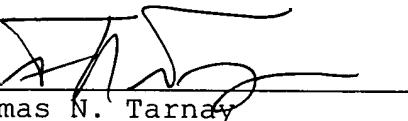
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Assistant Director For Patents
January 25, 2001
Page 3

This transmittal letter is being filed in duplicate.

All correspondence is to be directed to the address associated with the Customer Number 24367.

Respectfully submitted,

By: 

Thomas N. Tarnay
Registration No. 41,341
Attorney for Applicants

TNT:fis
Enclosures



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re

U.S. application: Katsuhiko ASAI, Sadafusa TSUJI, Katsuyuki
NANBA, Masahiko MATSUURA, Makiko MANDAI,
Hiroshi ISHIBE, Mikihiro KOMATSU, Kazuaki
OKUMURA and Naoki MASAZUMI

For: ELECTRONIC APPARATUS

U.S. Serial No.: To Be Assigned

Filed: Concurrently

Group Art Unit: To Be Assigned

Examiner: To Be Assigned

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Derrick Gordon

Name of Person Mailing Paper or Fee

Signature

January 25, 2001

Date of Signature

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Assistant Director for Patents
Washington, D.C. 20231

SUBMISSION OF SUBSTITUTE SPECIFICATION
AND ABSTRACT UNDER 37 CFR § 1.125(b)

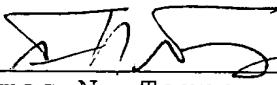
A Substitute Specification and Abstract is submitted herewith in accordance with 37 CFR § 1.125(b) and MPEP § 608.01(q).

As required by 37 CFR § 1.125(b), a Marked-up Copy of the Substitute Specification and Abstract is being provided herewith showing the amendments made to the original specification and abstract.

No fee is considered to be required by this submission. However, if a fee were to be required, please charge any fee (other than an issue fee) required

during the pendency of this U.S. patent application to
Sidley & Austin Deposit Account No. 18-1260.

Respectfully submitted,

By: 

Thomas N. Tarnay
Registration No. 41,341
Attorney for Applicants

TNT/lr
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January 25, 2001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re

U.S. application: Katsuhiko ASAII, Sadafusa TSUJI, Katsuyuki NANBA, Masahiko MATSUURA, Makiko MANDAI, Hiroshi ISHIBE, Mikihiro KOMATSU, Kazuaki OKUMURA and Naoki MASAZUMI

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Assistant Director for Patents

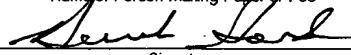
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Derrick Gordon

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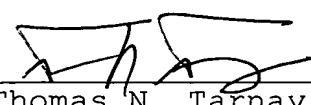
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LETTER TO THE OFFICIAL DRAFTSPERSON

Submitted herewith is a set of formal drawings including Figures 1 through 55F (43 pages). Please replace the original informal drawings filed with the application with the attached formal drawings.

It is respectfully requested that the Official Draftsperson approve the revised formal drawings.

Respectfully submitted,

By: 

Thomas N. Tarnay

Registration No. 41,341
Attorney for Applicants

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January 24, 2001

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01/25/01

Page: 5

[TNT1]Section 1: A first electric apparatus

Page: 57

[TNT2]What is OO supposed to be